Bruhat Bangalore Mahanagara Palike

Excecutive Engineer Yelahanka Division

Name of Work: Improvements to park near Dairy Circle in Attur ward no. 03.

						Estimate Cost Rs.			20.00 Lakhs
	Description of Items	**No**	**Length**	**Width**	**Depth**	**Quantity**	**Unit**	**Rate**	**Amount**
	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, (Page No 5., I.No.2.3 of KPWD S.R 2016-17).								
	Desilt	1	28.00	0.60	0.50	8.40			
	Debris	7	8.00	2.40	0.30	40.32			
	For Chainlink Fencing								
		1	112.00	0.80	0.90	80.64			
		1	194.00	0.80	0.90	139.68			
						269.04	**Cum**	**204.12**	**54916.44**
2	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. (BCSR 2016-2017, Page 25, Item No 5.31.2)								
	For drain	1	28.00	1.20		33.60			
						33.60	**Sqm**	**841.32**	**28268.35**
3	KSRB 5-8.3 : Proiding three line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 (BCSR 2016-2017, Page 24, Item No 5.19)								
	For drain	1	28.00	1.20		33.60			
						33.60	**Sqm**	**1373.76**	**46158.34**
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS 4.1, 4.2 (P.12/I.4.2)/ PWD SR 2016-17								
	For Chainlink Fencing								
		1	112.00	0.80	0.15	13.44			
		1	194.00	0.80	0.15	23.28			
						36.72	**Cum**	**5449.68**	**200112.25**
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (I No-34.8.2,P No-254)								
	For Chainlink Fencing								
		1	112.00	0.65	0.45	32.76			
		1	194.00	0.60	0.45	52.38			
		1	112.00	0.45	0.45	22.68			
		1	194.00	0.45	0.45	39.29			
		-153	0.45	0.45	0.45	-13.94			

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						133.16	**Cum**	**4521.96**	**602157.19**
	KSRB 4-1 .6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement@ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. (BCSR 2016-2017, Page 12, Item No 4.6)								
	For drain coping	2	27.50	0.40	0.10	2.20			
	Drain gap filling	1	27.50	0.50	0.10	1.38			
	For Chainlink Fencing								
		1	112.00	0.45	0.10	5.04			
		1	194.00	0.45	0.10	8.73			
		153	0.45	0.45	0.45	13.94			
						31.29	**Cum**	**5876.28**	**183851.91**
7	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (BCSR 2016-2017, Page 262, Item No 37.3)								
	For Chainlink Fencing								
		1	158.00	1.20		189.00			
		1	225.00	1.20		270.00			
						459.00	**Sqm**	**711.72**	**326679.48**
8	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (BCSR 2016-2017, Page 262, Item No 37.2)								
	For Chainlink Fencing								
		1	56.00	1.90		106.40			
		1	97.00	1.90		184.30			
						290.70	**m**	**884.52**	**257129.96**
9	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint (BCSR 2016-2017, Page 262, Item No 37.4)								
	For Chainlink Fencing								
		2	112.00			224.00			
		2	194.00			388.00			
						612.00	**m**	**349.92**	**214151.04**

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
10	Providing, erecting and fixing name board made of Granite pillars and gang saw water cut granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing.(Market price)								
		1							
						1.00			
						1.00	**Unit**	**40000.00**	**40,000.00**
11	**Loading and unloading of stone boulders/**stone aggregates/sand/kankar/Moorum including all lead and lift and as per specification and direction of the Engineer in charge of the work.(P.No-134,I No-17.2)								
	Qty frm Item No-1								
						269.04			
						269.04	**Cum**	**68.00**	**18,294.72**
12	**Cost of haulage** Excluding loading and unloading including all lead and lift and as per specification and direction of the Engineer in charge of the work., 10 Km lead								
	Qty frm Item No-1								
						269.04			
						269.04	**Cum**	**32.00**	**8,609.28**
								Total Construction Cost	**1980328.97**
								DPR & PMC Charges	**19,650.00**
								Sub Total	**1999978.97**
								Utility Shifting, Miscellaneous, Rounding off	**21.03**
								GRAND TOTAL	**2000000.00**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2016-2017, issue rates and Data Rates.

SILICON CONSULTING ENGINEERS

Assistant Engineer

Asst. Executive Engineer

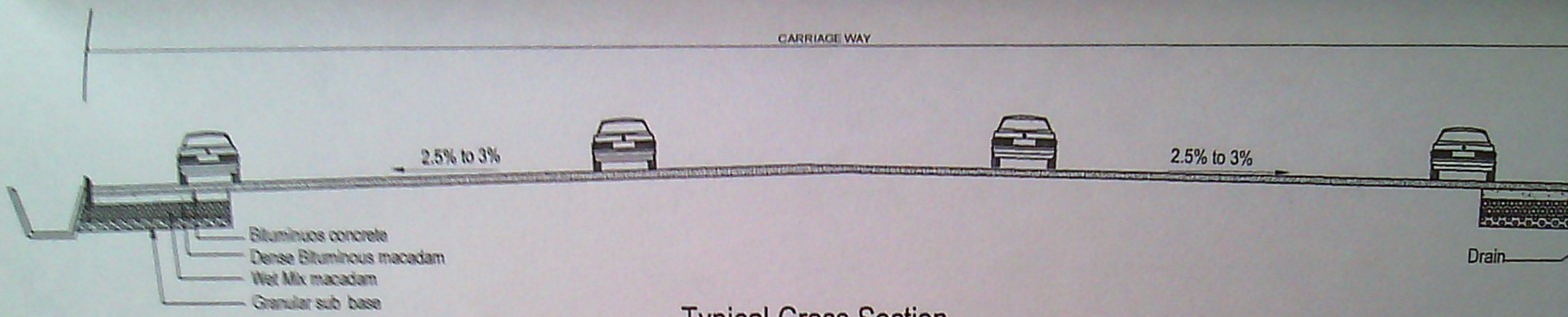
Executive Engineer,
Yelahanka Division,
BBMP Bangalore

Administrative Sanction for Rs. 20.00 Lakh
Twenty Lakhs only
is accorded under head P-3158-
2016.17
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No. EE/YNK/AA/10/18-19 7.9.18

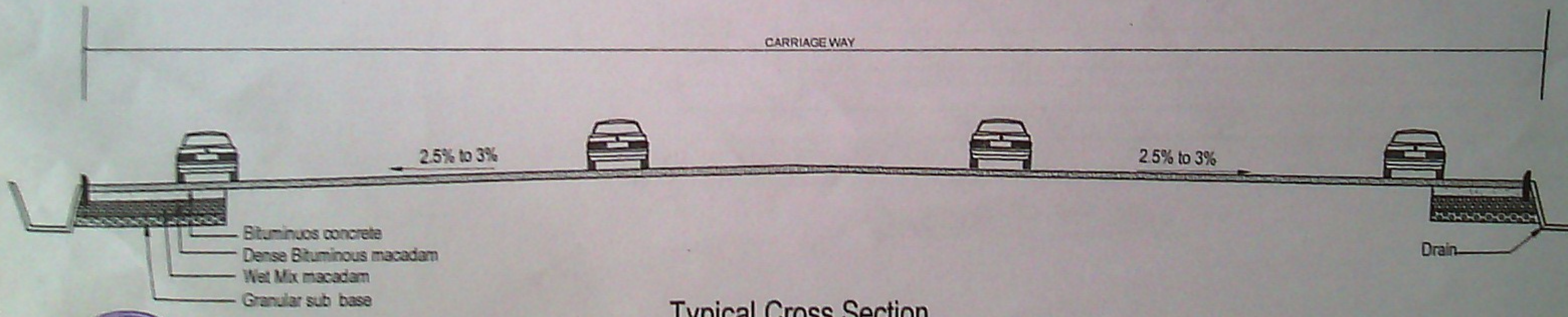
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 20.00 Lakh
Rupees Twenty Lakhs
only
Under P-3158-2016.17
Registered as CE ( ) No. 99
Subject to conditions contained in
enclosed memo EE ( ) No. /99/
Dt. ..... Estimate/AS Sanctioned
EE/YNK/TS/21/17-18 - 6.10.17
Dated ..... Rs. .....

Executive Engineer

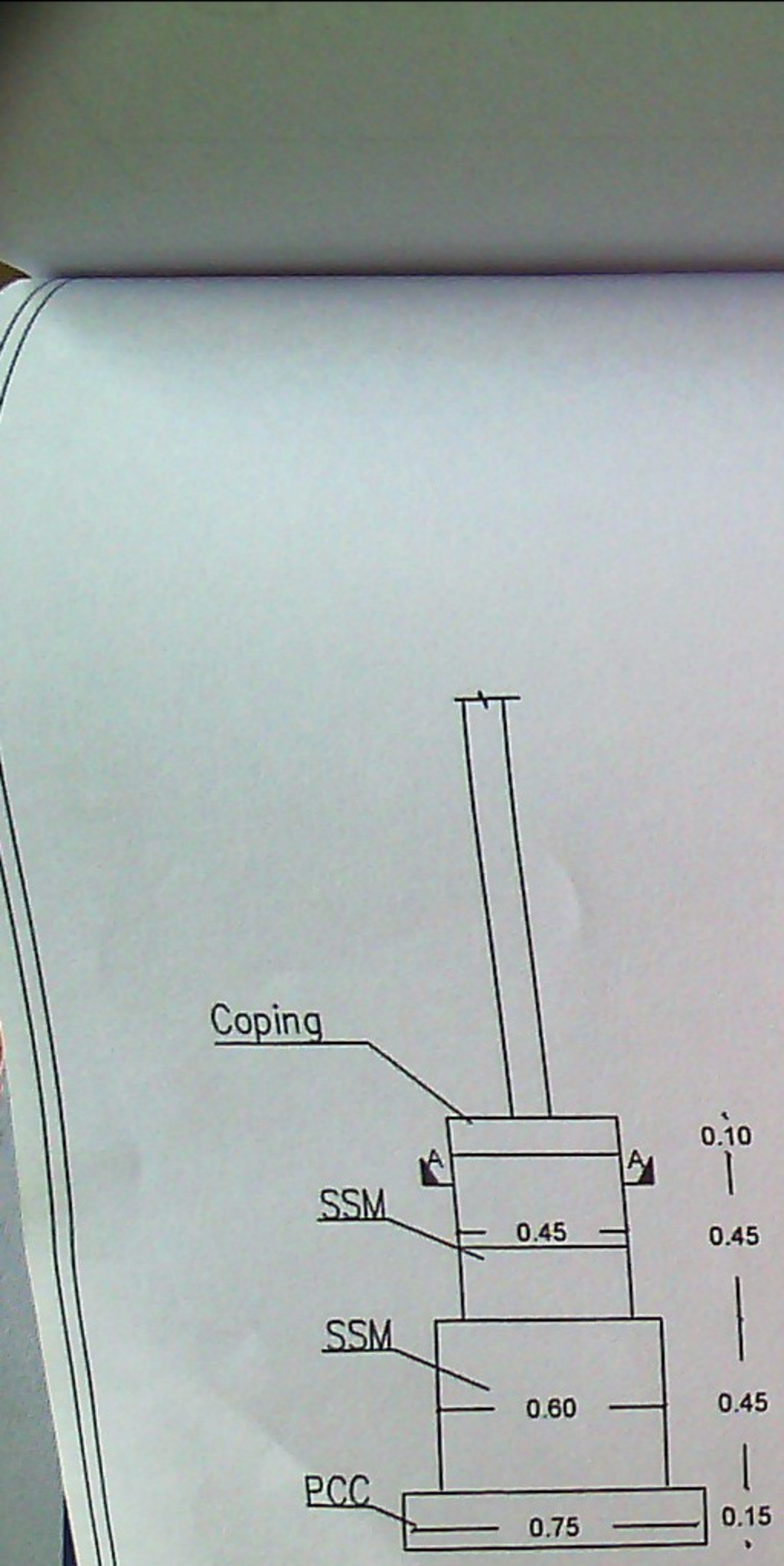


Typical Cross Section

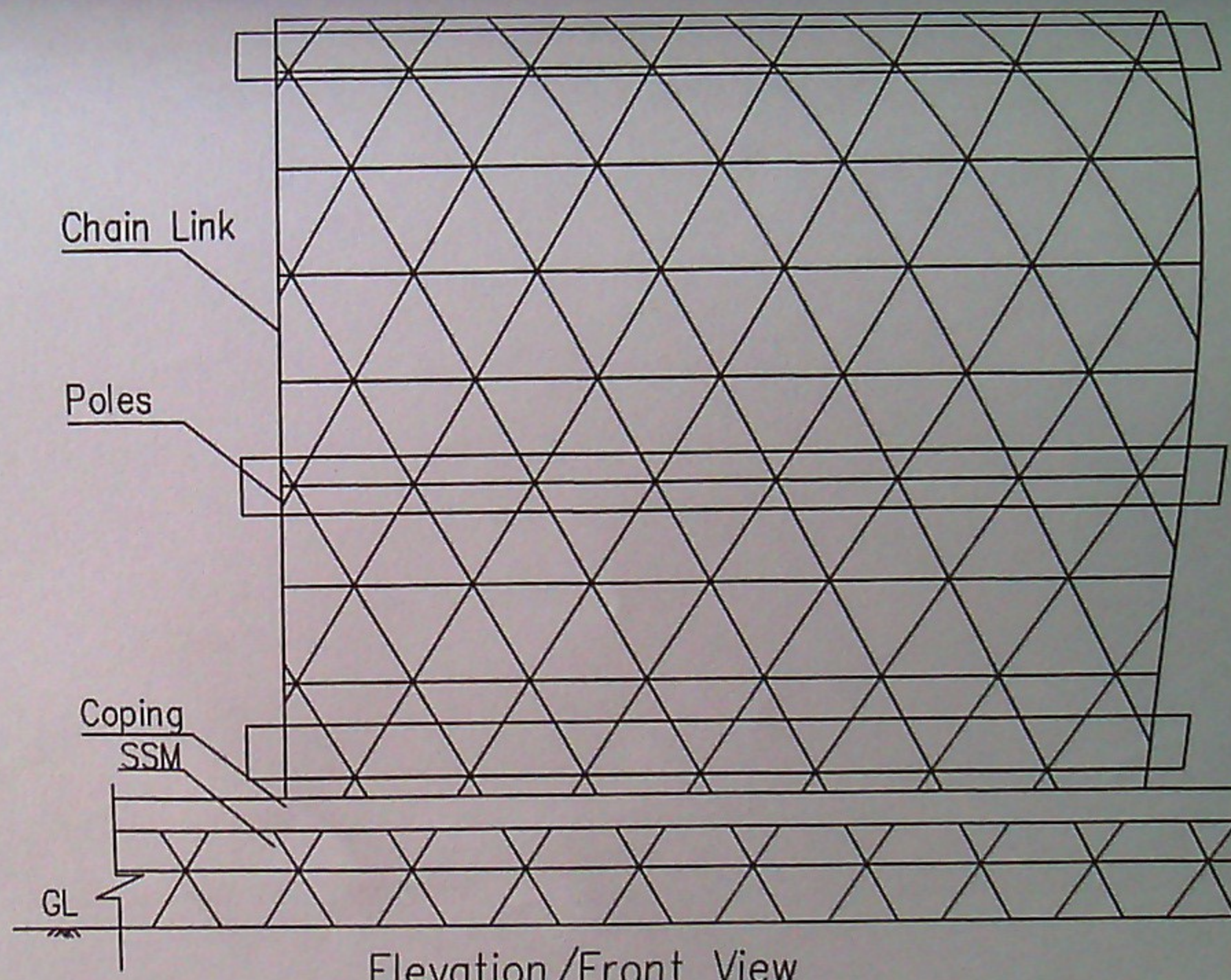


Typical Cross Section

SILICON CONSULTING ENGINEERS



Section



Elevation/Front View

SILICOM CONSULTING ENGINEERS

me of Work: Improvement and asphalting to 3rd, 4th and 5th main roads of Attur Layout in Attur wardno. 03.

SILICON CONSULTING ENGINEERS

A2-05

Name of Work: Improvement and asphalting to 2nd main road of Muneshwara Layout in Attur ward no. 03.

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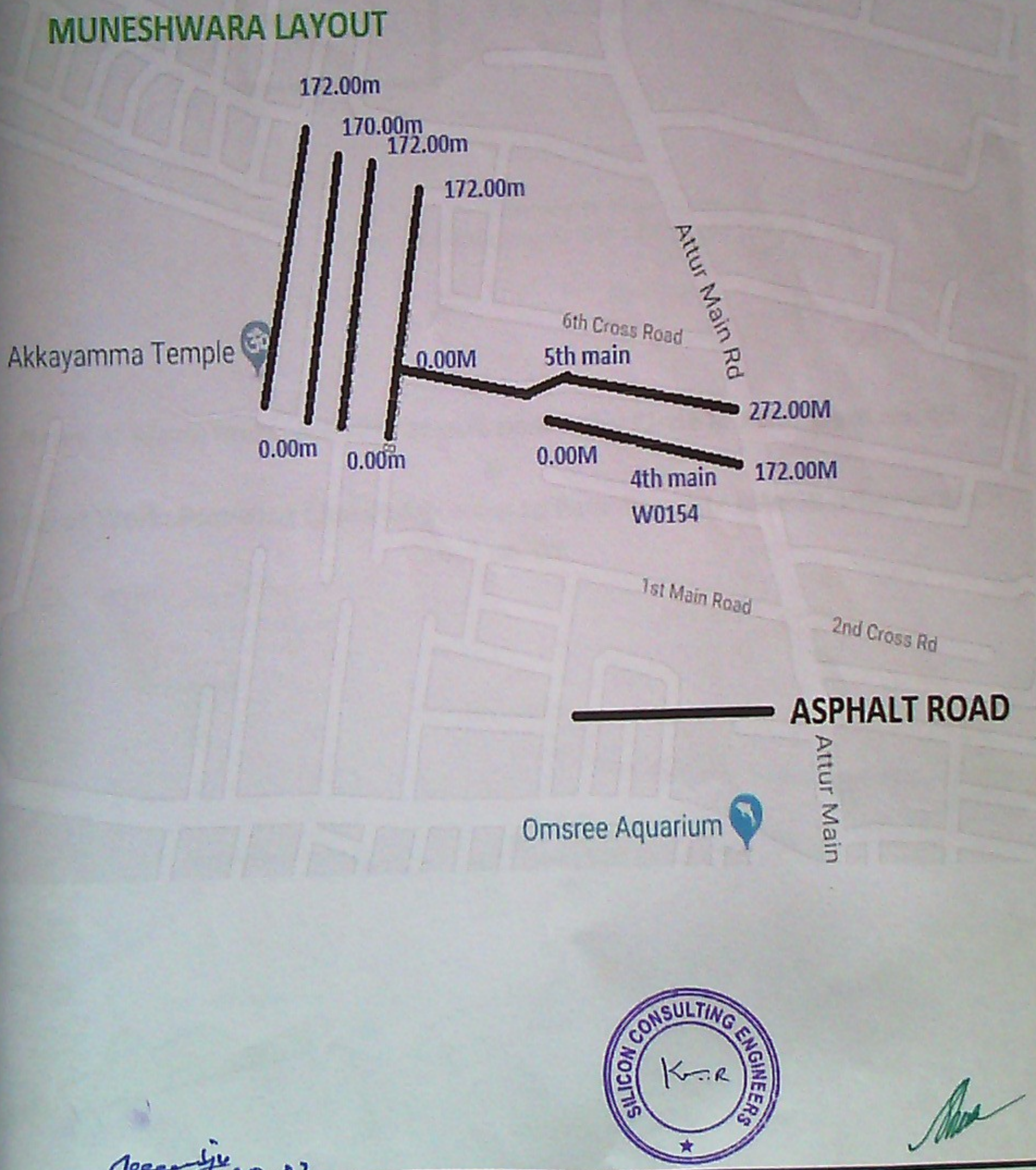
Name of Work: Improvement and asphalting to 10th and 11th cross roads of Muneshwara layout in Attur wardno. 03.



AE-01

ame of Work: Construction of Rangamandira at 5th Phase play ground and repair works in Vivekananda park in Attur ward no. 03.

Name of Work: Improvements to park near Dairy Circle in Attur ward no. 03.

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Name of Work: Providing Chainlink fencing to Park Opposite BWSSB office in Attur ward no. 03.

SILICON CONSULTING ENGINEERS

AE-03